

Title (en)  
THERMALLY EFFICIENT MELTING AND FUEL REFORMING FOR GLASS MAKING

Publication  
**EP 0464603 A3 19920819 (EN)**

Application  
**EP 91110482 A 19910625**

Priority  
US 54789490 A 19900702

Abstract (en)  
[origin: EP0464603A2] An integrated process for oxygen-enriching a glassmaking furnace is disclosed which also benefits from heat integration, reforming a portion of the fuel to the glassmaking furnace, fluidized bed heat exchange and CO2 recovery. <IMAGE>

IPC 1-7  
**C03B 5/235**; **C03B 3/02**

IPC 8 full level  
**C01B 3/34** (2006.01); **C03B 5/235** (2006.01); **C03B 7/094** (2006.01)

CPC (source: EP KR US)  
**C01B 3/384** (2013.01 - EP US); **C03B 5/235** (2013.01 - KR); **C03B 5/2353** (2013.01 - EP US); **C01B 2203/0233** (2013.01 - EP US); **C01B 2203/0238** (2013.01 - EP US); **C01B 2203/06** (2013.01 - EP US); **C01B 2203/0811** (2013.01 - EP US); **Y02P 20/10** (2015.11 - EP US); **Y02P 20/129** (2015.11 - EP US); **Y02P 40/50** (2015.11 - EP US)

Citation (search report)

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- [AD] GLASS TECHNOLOGY. vol. 14, no. 6, December 1973, SHEFFIELD GB pages 171 - 181; H.R.MILLER ET AL.: 'The use of oxygen in glassmaking furnaces'
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**US 5057133 A 19911015**; BR 9102722 A 19920204; CN 1021040 C 19930602; CN 1059323 A 19920311; DE 69114056 D1 19951130; DE 69114056 T2 19960404; EP 0464603 A2 19920108; EP 0464603 A3 19920819; EP 0464603 B1 19951025; ES 2081392 T3 19960301; JP 2533817 B2 19960911; JP H04231328 A 19920820; KR 920002478 A 19920228; KR 940002054 B1 19940316; MX 173549 B 19940314; MY 107159 A 19950930

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